

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name:

Thousand Oaks

Water Supplier Public Water System ID:

5610020

Water Audit Period:

July 1, 2017-June 30, 2018

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

1. Tested 26 large meters for accuracy as a pilot – will be expanding the testing program in future years.
2. Connected with the Fire Department and they have agreed to track usage in future years.
3. Developing database system to allocate usage to the days within a month from the bi-monthly readings.
4. Working on City maintenance database to better track and estimate leaks.

### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Jay Spurgin

Executive Position:

Public Works Director

Signature:



Date

Click or tap here to enter text.

9/14/18

# Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 8/15/2018

## Water Supplier

Supplier Name: City of Thousand Oaks

Supplier Participants: Rick Bratcher – Water operations supervisor  
John Eeroos – Water Conservation

Mike Devlahovich & Bret Sherman – Crew leaders  
Mary Anne VanZuyle - GIS Analyst  
Helen Cox – Sustainability Division Manager  
Melissa Hurtado – Revenue Operations Manager

## Validator

Validator: Kate Gasner,  
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from  
the AWWA California Nevada Section

## Key Audit Metrics

Data Validity Score: 71

ILI: 0.48

Real Loss: 9.3 gal / conn / day

Apparent Loss: 7.9 gal / conn / day

Non-Revenue Water as Percent  
of Cost of Operating System: 2.2%

## Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒